

AMENDMENTS TO THE CLAIMS

Please amend the claims as set forth below. Claims 47 and 74 have been amended, without acquiescence in the Office Action's reasons for rejection/objection or prejudice to pursue in a related application. Claims 50 and 77 have been canceled. A complete listing of the pending claims is provided below.

47. (Currently Amended) A method of transmitting information from a server to a client station in a mobile-based client-server system, the method comprising:

determining that the server has information to be transmitted to the client station without the client station initiating the determination, wherein the client station is initially disconnected from a transceiver;

transmitting a paging notification message from the server to the transceiver ~~client station~~ via a page link between the server and the transceiver ~~client station~~, in order to provide notification that ~~notify the client station that~~ the server has information to be transmitted to the client station;

receiving the paging notification message at the transceiver ~~in the client station~~; and
based upon receiving the paging notification message, subsequently connecting the transceiver to ~~causing~~ the client station to establish a wireless communication link with the server to transmit a message from the client station to the server indicating that the client station is ready to receive the information, and in response, transmitting the information to the client station ~~that has a higher bandwidth than the page link in response to the received paging notification message.~~

48. (Canceled).

49. (Previously Presented) The method of claim 47, wherein the communication link between the client station and the server is established via the transceiver.

50. (Canceled)

51. (Previously Presented) The method of claim 47, wherein establishing the communication link comprises:

generating a signal containing a telephonic address of a transceiver associated with the server, wherein the signal includes instructions for establishing a log-on connection with the server; and

transmitting the signal to the transceiver associated with the server to establish a communication link with the server based on the telephonic address.

52. (Previously Presented) The method of claim 47 further comprising:
transmitting a first request for the information to the server via the communication link;
receiving the information; and
transmitting an additional signal to the server via the communication link.
53. (Previously Presented) The method of claim 52, wherein transmitting an additional signal comprises transmitting a further request for information.
54. (Previously Presented) The method of claim 47, wherein the paging notification message indicates the type of information waiting for the client station at the server.
55. (Previously Presented) The method of claim 54 further comprising evaluating the paging notification message to determine whether the information is of a selected type.
56. (Previously Presented) The method of claim 55, wherein the paging notification message is evaluated at the transceiver.
57. (Previously Presented) The method of claim 55, wherein the paging notification message is evaluated at the client station.
58. (Previously Presented) The method of claim 55, wherein the communication link is only established when the information is of the selected type.

59. (Previously Presented) The method of claim 55 further comprising relaying the paging notification message from the transceiver to the client station.
60. (Previously Presented) The method of claim 55 further comprising connecting the client station to the transceiver.
61. (Previously Presented) The method of claim 60 further comprising downloading the paging notification message from the transceiver to the client station.
62. (Previously Presented) The method of claim 47, wherein the paging notification message indicates a quantity of the information waiting for the client station at the server.
63. (Previously Presented) The method of claim 62 further comprising evaluating the paging notification message to determine whether the information is of a selected quantity.
64. (Previously Presented) The method of claim 63, wherein the paging notification message is evaluated at the transceiver.
65. (Previously Presented) The method of claim 63, wherein the paging notification message is evaluated at the client station.
66. (Previously Presented) The method of claim 63, wherein the communication link is only established when the information is of the selected quantity.
67. (Previously Presented) The method of claim 63 further comprising relaying the paging notification message from the transceiver to the client station.
68. (Previously Presented) The method of claim 63 further comprising connecting the client station to the transceiver.

69. (Previously Presented) The method of claim 68 further comprising downloading the paging notification message from the transceiver to the client station.
70. (Previously Presented) The method of claim 47, wherein the transceiver is a GSM-based transceiver.
71. (Previously Presented) The method of claim 70, wherein the paging notification message is in an SMS paging message format.
72. (Previously Presented) The method of claim 47 further comprising evaluating the information at the server to determine whether the information is of a selected type, wherein the paging notification message is only generated when the information is of the selected type.
73. (Previously Presented) The method of claim 47 further comprising evaluating the information at the server to determine whether the information is of a selected quantity, wherein the paging notification message is only generated when the information is of the selected quantity.
74. (Currently Amended) A computer program product that includes a computer readable medium, the computer readable medium having stored thereon a sequence of instructions which, when executed by a processor, causes the processor to execute a process for transmitting information from a server to a client station in a mobile-based client-server system, the process comprising:
determining that the server has information to be transmitted to the client station without the client station initiating the determination, wherein the client station is initially disconnected from a transceiver;
transmitting a paging notification message from the server to the transceiver ~~client station~~ via a page link between the server and the transceiver ~~client station~~, in order to provide notification that ~~notify the client station that~~ the server has information to be transmitted to the client station;
receiving the paging notification message at the transceiver ~~in the client station~~; and
based upon receiving the paging notification message, subsequently connecting the transceiver to ~~causing~~ the client station to establish a wireless communication link with the server to

transmit a message from the client station to the server indicating that the client station is ready to receive the information, and in response, transmitting the information to the client station that has a higher bandwidth than the page link in response to the received paging notification message.

75. (Canceled).

76. (Previously Presented) The computer program product of claim 74, wherein the communication link between the client station and the server is established via the transceiver.

77. (Canceled)

78. (Previously Presented) The computer program product of claim 74, wherein establishing a communication link comprises:

generating a signal containing a telephonic address of a transceiver associated with the server, wherein the signal includes instructions for establishing a log-on connection with the server; and

transmitting the signal to the transceiver associated with the server to establish a communication link with the server based on the telephonic address.

79. (Previously Presented) The computer program product of claim 74, wherein the process further comprises:

transmitting a first request for the information to the server via the communication link;

receiving the information; and

transmitting an additional signal to the server via the communication link.

80. (Previously Presented) The computer program product of claim 79, wherein transmitting an additional signal comprises transmitting a further request for information.

81. (Previously Presented) The computer program product of claim 74, wherein the paging notification message indicates a type of the information waiting for the client station at the server.

82. (Previously Presented) The computer program product of claim 81, wherein the process further comprises evaluating the paging notification message to determine whether the information is of a selected type.

83. (Previously Presented) The computer program product of claim 82, wherein the paging notification message is evaluated at the transceiver.

84. (Previously Presented) The computer program product of claim 82, wherein the paging notification message is evaluated at the client station.

85. (Previously Presented) The computer program product of claim 82, wherein the communication link is only established when the information is of the selected type.

86. (Previously Presented) The computer program product of claim 82, wherein the process further comprises relaying the paging notification message from the transceiver to the client station.

87. (Previously Presented) The computer program product of claim 82, wherein the process further comprises connecting the client station to the transceiver.

88. (Previously Presented) The computer program product of claim 87, wherein the process further comprises downloading the paging notification message from the transceiver to the client station.

89. (Previously Presented) The computer program product of claim 74, wherein the paging notification message indicates a quantity of the information waiting for the client station at the server.

90. (Previously Presented) The computer program product of claim 89, wherein the process further comprises evaluating the paging notification message to determine whether the information is of a selected quantity.
91. (Previously Presented) The computer program product of claim 90, wherein the paging notification message is evaluated at the transceiver.
92. (Previously Presented) The computer program product of claim 90, wherein the paging notification message is evaluated at the client station.
93. (Previously Presented) The computer program product of claim 90, wherein the communication link is only established when the information is of the selected quantity.
94. (Previously Presented) The computer program product of claim 90, wherein the process further comprises relaying the paging notification message from the transceiver to the client station.
95. (Previously Presented) The computer program product of claim 90, wherein the process further comprises connecting the client station to the transceiver.
96. (Previously Presented) The computer program product of claim 95, wherein the process further comprises downloading the paging notification message from the transceiver to the client station.
97. (Previously Presented) The computer program product of claim 74, wherein the transceiver is a GSM-based transceiver.
98. (Previously Presented) The computer program product of claim 97, wherein the paging notification message is in an SMS paging message format.

99. (Previously Presented) The computer program product of claim 74, wherein the process further comprises evaluating the information at the server to determine whether the information is of a selected type, wherein the paging notification message is only generated when the information is of the selected type.

100. (Previously Presented) The computer program product of claim 74, wherein the process further comprises evaluating the information at the server to determine whether the information is of a selected quantity, wherein the paging notification message is only generated when the information is of the selected quantity.